

Patent Claims

1. Man-machine interface (MMI) for a diagnostic system for diagnosing a technical system with a knowledge base and a diagnostic program that supplies a preliminary diagnostic result in the form of an initial data packet comprising:

- a data converter, which converts the initial data packet into an XML structure and saves it as an XML data file on the basis of a converter configuration,
- a data completion unit that analyzes the data of the XML data file and reads out additional data by request from the technical system to be diagnosed after setting a manual request and saves it in the XML data file after conversion by means of a completion unit configuration,
- and a visualization of the XML elements saved in the XML data file in the form of an inactive user surface.

2. Man-machine interface (MMI) as claimed in Claim 1, wherein at least one thesaurus is included and the XML elements are linked to the particular current thesaurus by indices and the text messages from the thesaurus are displayed.

3. Man-machine interface as claimed in any one of the preceding claims, wherein the visualization is performed by using an Internet browser.

4. Man-machine interface as claimed in any one of the preceding claims, wherein the initial data packet is comprised of at least one digital vehicle identification number (VIN), an error case identifier (TSID) and a digital time stamp.

5. Man-machine interface as claimed in any one of the preceding claims, wherein the completion unit configuration contains a logic unit configured for the model series of the particular technical system to be diagnosed, by means of which the required additional model-specific data is determined dynamically on the basis of the data already

available and is read out of the technical system on request and stored after being converted into the XML data file.

6. Man-machine interface as claimed in any one of the preceding claims, wherein the progress display for the status of the data communication with the technical system to be diagnosed is also included.

7. Man-machine interface as claimed in any one of the preceding claims, wherein several thesauruses in different languages can be used to display the data contents of the XML elements in text form according to the selection made by the user in a selectable language.